

Figure 1 shows the total credits and deficits reported by regulated parties through the four quarters of 2011 and 2012 along with the first three quarters of 2013. As shown, about 1,040,000 metric tons (MT) of credits were generated in Q3 2013 compared to 642,000 MT of deficits. Cumulatively through the end of Q3 2013, there have been a total of about 5.38 million MT credits and 3.34 million MT deficits, for a net total of about 2.04 million MT credits. Please note these figures are subject to change as regulated parties edit their quarterly data.

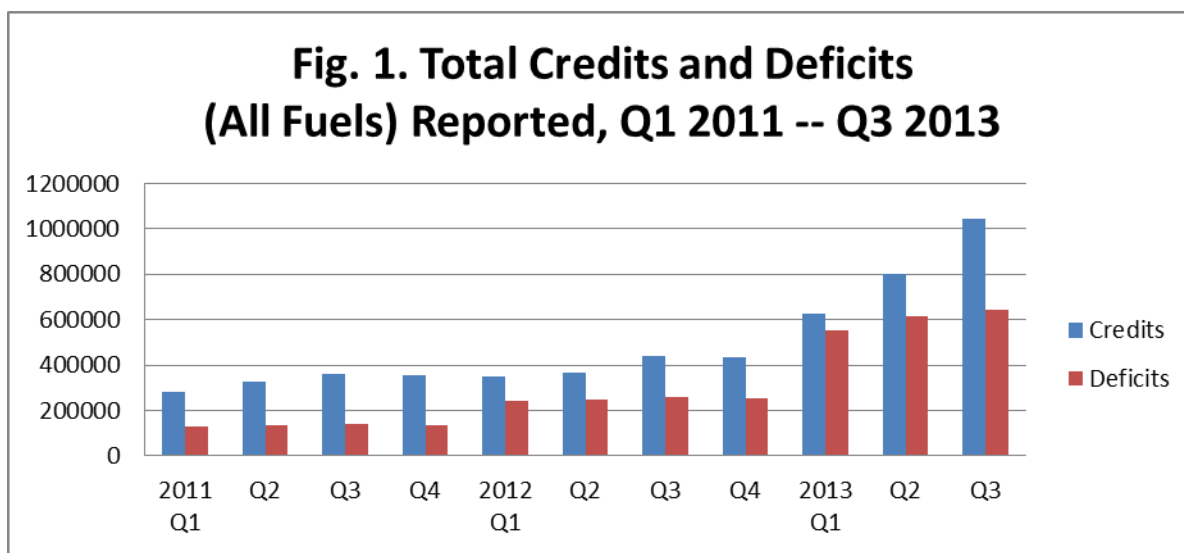


Figure 2 takes a closer look at the volumes of ethanol supplied in California by the indicated CI ranges. These are expressed as four-quarter rolling averages for ease of viewing and comparison. As shown, the ethanol market for blendstocks supplied to the California transportation market remains stable with the trend increasing towards lower CI fuels.

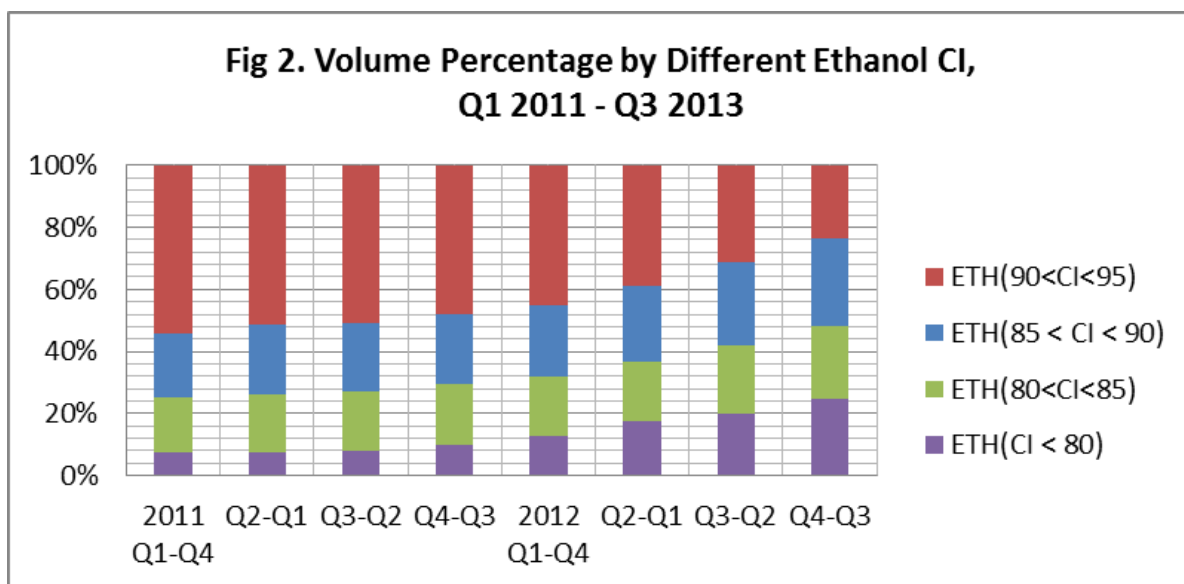


Figure 3 shows the percentage of LCFS credits for both ethanol and non-ethanol alternative fuels. Non-ethanol fuels account for more than 35 percent of the credits. This figure is also shown as four-quarter rolling averages for ease of comparison.

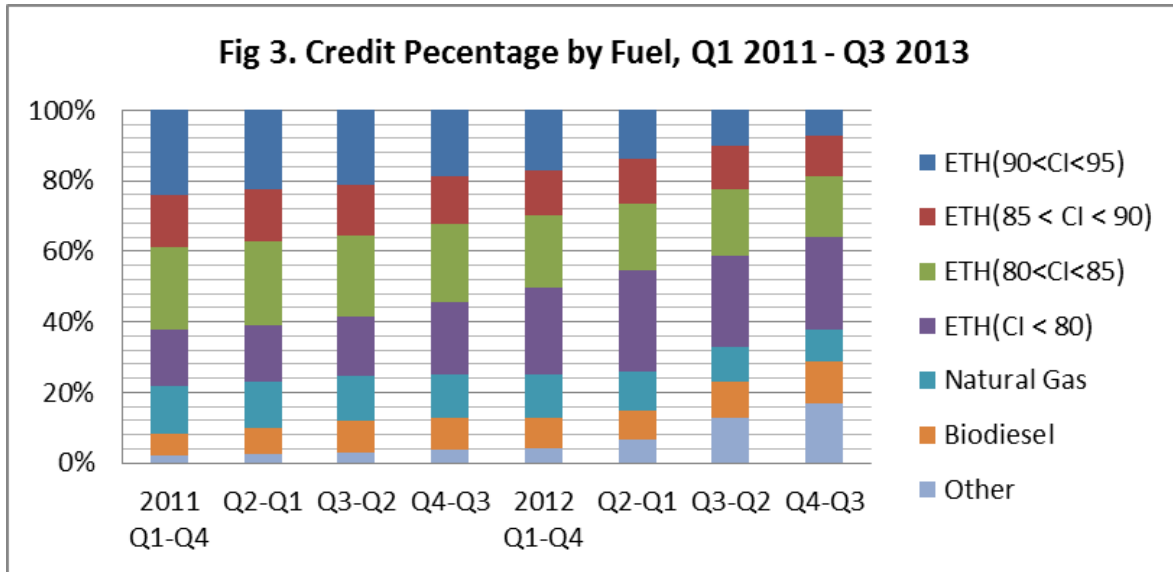


Figure 4 breaks down the total amount of credits generated in the last eleven quarters since January 2011. Credits from lower CI ethanol and alternative transportation fuels continue to rise and make up more than half of the credits being generated currently.

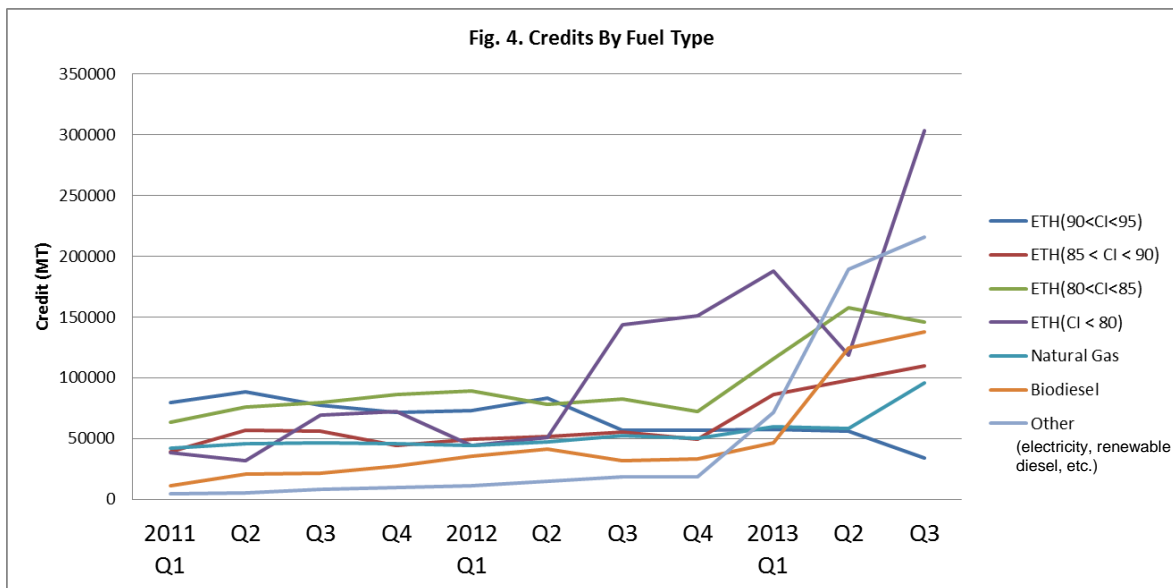


Table 1 provides aggregate price and volumetric data for the credit transactions conducted to date. As indicated, there has been a marked increase in trades in 2012 as compared with 2011 and that trend continues in 2013.

LCFS Credit Trading Activity Report Through December 2013

Time Period	Total Transfers (number)	Total Volume¹ (credits-MTs)	Avg. Price² (\$ per Credit)
December 2013	12	18,000	\$79
November 2013	21	210,000	\$71
October 2013	24	60,000	\$63
<u>Previous Quarters</u>			
Q3 2013	60	389,000	\$56
Q2 2013	39	100,000	\$44
Q1 2013	40	108,000	\$28
<u>Previous Year</u>			
CY 2012	24	164,000	\$17

Price Range in December 2013² = \$36 to \$85 per Credit

Entities Participation in Transfers through December 2013:

- Number Only Selling = 33**
- Number Only Buying = 24**
- Number Selling and Buying = 11**

Total Credits Transferred through December 2013¹ = 1,048,000 MT

Amount by Which Credits Exceed Deficits^{1,3} = 2,038,000 MT

There has been an increasing trend in the number of parties reporting data into the LRT since January 2011. Click the following link to view the [153 parties](#) that have transactional data in the LRT. This list includes fuel producers and importers, as well as entities to which the LCFS compliance obligation has been transferred.

¹ Rounded to the nearest thousand.

² Some credit transfers were reported with a zero price. The price shown excludes these transfers.

³ Through Quarter 3, 2013 – This is an estimate of the amount by which the currently available credits exceed the current total deficit obligations.